

IN THE CLAIMS:

1) (Currently Amended) Apparatus for producing small paper rolls characterized in that it comprises:

- a rewinding machine~~(R)~~ for producing elongated paper rolls or logs~~(2)~~;
- a trimming device~~(D)~~ for trimming each log~~(2)~~ produced by said rewinding machine~~(R)~~;

- a store~~(M)~~ wherein the logs~~(2)~~ the logs~~(2)~~ already trimmed are stored;
- at least a cutting-off machine~~(T)~~ for subdividing the logs~~(2)~~ already trimmed and supplied by said store~~(M)~~ into a plurality of small rolls.

2) (Currently Amended) Apparatus for producing small paper rolls characterized in that it comprises:

- a rewinding machine~~(R)~~ for producing elongated paper rolls or logs~~(2)~~;
- a store~~(M)~~ wherein said logs~~(2)~~ are stored;
- a trimming device~~(D)~~ for trimming each log~~(2)~~ produced by said rewinding machine~~(R)~~ and supplied by said store~~(M)~~;
- at least a cutting-off machine~~(T)~~ for subdividing the logs~~(2)~~ already trimmed and supplied by trimming device~~(D)~~.

3) (Currently Amended) Apparatus according to claim 1 characterized in that it comprises:

- a section for the entry of the logs-(2) to be trimmed;
- a section for the exit of the trimmed logs-(2^a);
- 5 - a station with cutting means-(6) for trimming the logs-(2);
- means-(3) for moving the logs-(2, 2^a) between said entry section, said cutting station and said exit section;
- means-(4), associated with said log-moving means-(3), for retaining the logs when subjected to said movement.

4) (Original) Apparatus according to claim 3 characterized in that the said log retaining means are gripper means.

5) (Currently Amended) Apparatus according to ~~claims~~ claim 3 ~~and 4~~ characterized in that said gripper means are associated with said means-(3) for moving the logs.

6) (Currently Amended) Apparatus according to claim 3 characterized in that it comprises means-(5), disposed and acting between said section for the entry-(1) and said means (3) for moving the logs, in order to transfer the logs-(2) from the section-(1) to the means-(3) and in that said means-(5) for transferring the logs-(2) comprise a body-(52), mounted on a shaft (51) parallel to the logs-(2) which come-in through the entry section thereof, and provided with a plurality of seats-(50) for the logs to be transferred.

7) (Currently Amended) Method for producing a plurality of small rolls from paper rolls of logs characterized in that it comprises:

- a first step of producing a paper roll or log-(2);
- a second step of trimming said log-(2) by removing a reduced portion thereof in

5 correspondence of both its ends, thus obtaining a trimmed log-(2^a):

- a third step of storing said trimmed log-(2^a) into a store-(M);
- a fourth step of subdividing said trimmed log-(2^a) into a plurality of small rolls, said trimmed log-(2^a) being supplied by said store-(M).

8) (Currently Amended) Method for producing a plurality of small rolls from paper rolls or logs characterized in that it comprises:

- a first step of producing a paper roll or log-(2);
- a second step of storing said log-(2) into a store-(M);
- a third step of trimming said log-(2) in a trimming station by removing a reduced

5 portion thereof in correspondence of both its ends, thus obtaining a trimmed log-(2^a);

- a fourth step of subdividing said trimmed log-(2^a) into a plurality of small rolls, said subdividing step being carried out in a subdividing station separated by said trimming station.

9) (Currently Amended) Method for treating paper rolls or logs, comprising the steps of trimming off two reduced end portions-(20) from each log-(2) and of subdividing or cutting-off each log into more elements of smaller size, characterized in that the said trimming step is

carried out upstream of where the cutting-off step is performed, said cutting-off step being performed by one or more cutting-off machines ~~(T)~~ which are fed with logs ~~(2')~~ already trimmed.

10) (Currently Amended) Method according to claim 9 characterized in that the said trimming step is carried out by an apparatus ~~according to one or more claims 1 - 8~~ including:

- a rewinding machine for producing elongated paper rolls or logs;
- a trimming device for trimming each log produced by said rewinding machine;
- a store wherein the logs the logs already trimmed are stored;
- at least a cutting-off machine for subdividing the logs already trimmed and supplied

by said store into a plurality of small rolls.

11) (Currently Amended) Method according to claim 9 characterized in that the said trimming step is carried out by a trimming machine downstream of a rewinding machine ~~(R)~~.